

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042050.D
 Acq On : 14 Jan 2021 22:49
 Operator : SY/MD
 Sample : M1065-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXP4DL

Manual Integrations
 APPROVED

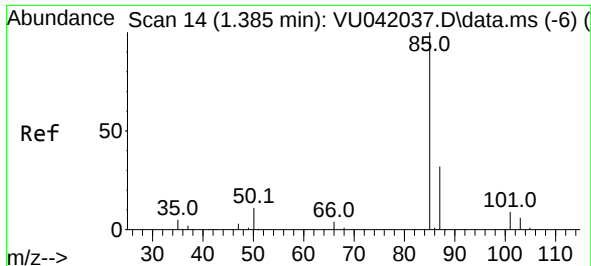
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Quant Time: Jan 15 06:38:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 06:32:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.263	114	119645	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	128214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	44632	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33858	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.919	69	37391	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.575	63	53497	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	4.662	46	153263	50.58	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.16%
24) Chloroform-d	5.080	84	83535	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.716	65	46016	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.742	84	146540	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.60%
36) 1,2-Dichloropropane-d6	6.703	67	52215	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.80%
41) Toluene-d8	7.906	98	127212	3.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.60%#
43) trans-1,3-Dichloroprop...	8.186	79	20403	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.642	63	130291	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroeth...	10.755	84	40135	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.60%
64) 1,2-Dichlorobenzene-d4	12.189	152	40690	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	1299	0.12	ug/L	89
12) 1,1-Dichloroethene	2.591	96	1436	0.15	ug/L #	1
13) Acetone	2.681	43	3767m	1.99	ug/L	
16) Methylene chloride	3.057	84	4547	0.42	ug/L	93
19) 1,1-Dichloroethane	3.880	63	2272	0.12	ug/L	90
22) cis-1,2-Dichloroethene	4.678	96	2522m	0.25	ug/L	
34) Trichloroethene	6.552	95	74742	6.30	ug/L	97
47) Tetrachloroethene	8.558	164	20026	2.61	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



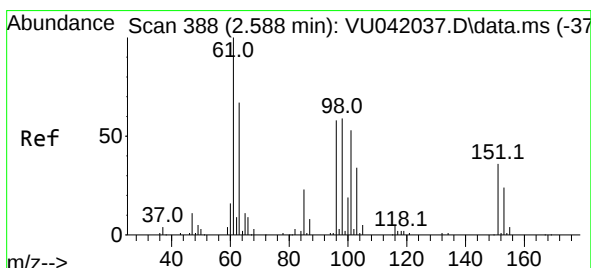
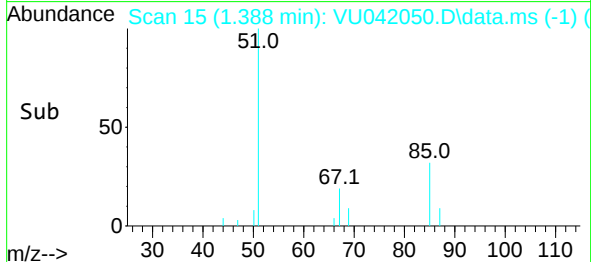
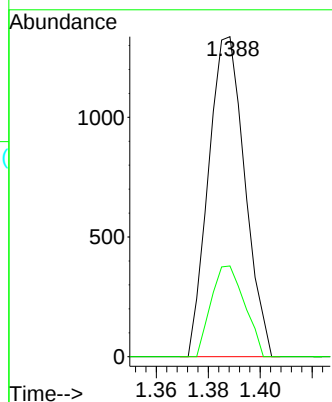
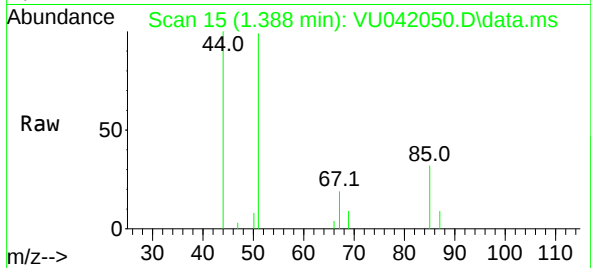
#2
Dichlorodifluoromethane
Concen: 0.12 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Tgt Ion: 85 Resp: 1299
Ion Ratio Lower Upper
85 100
87 26.2 25.7 38.5

Instrument :
MSVOA_U
ClientSampled :
BFXP4DL

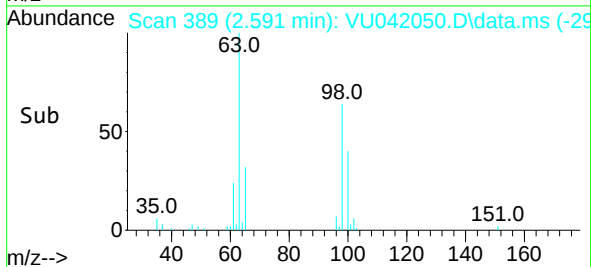
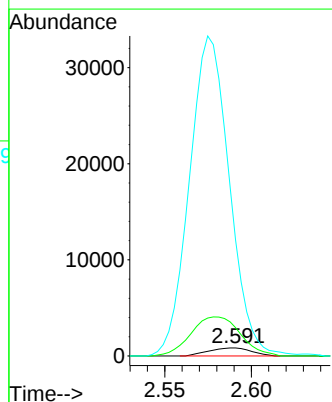
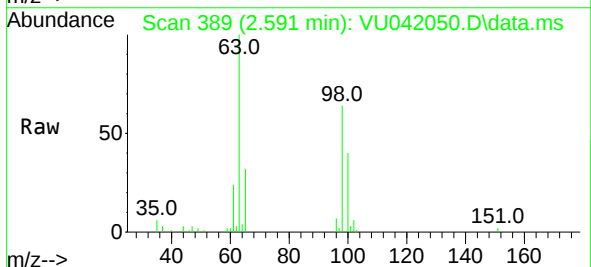
Manual Integrations
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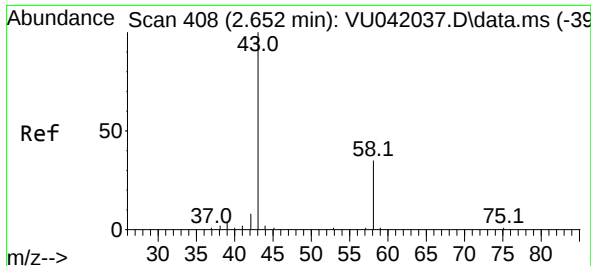
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#12
1,1-Dichloroethene
Concen: 0.15 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.003 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

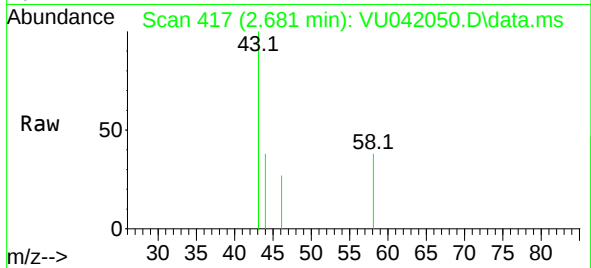
Tgt Ion: 96 Resp: 1436
Ion Ratio Lower Upper
96 100
61 354.3 122.2 226.9#
63 1451.4 82.8 153.8#





#13
Acetone
Concen: 1.99 ug/L m
RT: 2.681 min Scan# 417
Delta R.T. 0.029 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

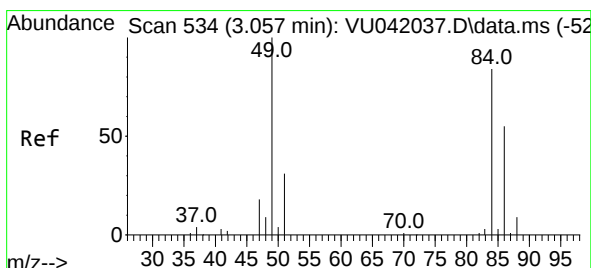
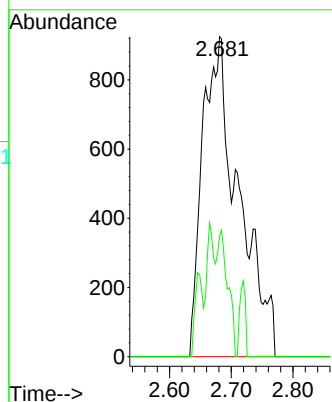
Instrument :
MSVOA_U
ClientSampleId :
BFXP4DL



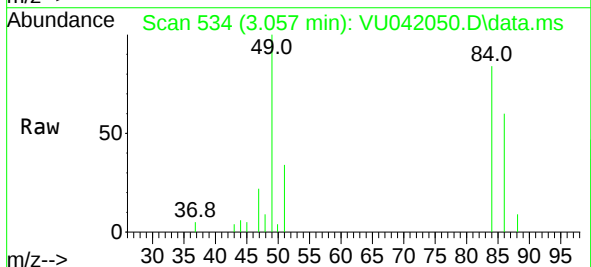
Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
58 9.0 0.0 57.4

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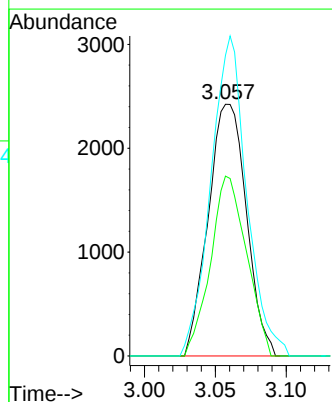
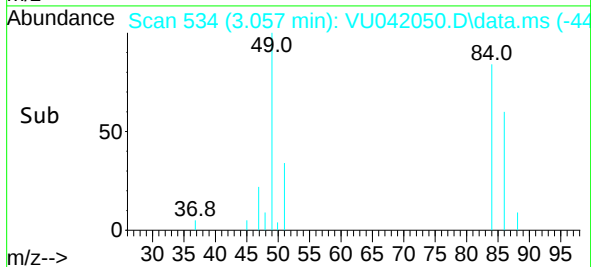
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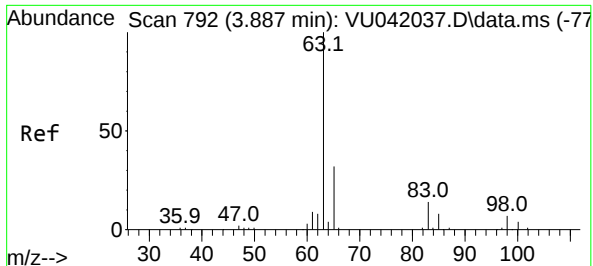


#16
Methylene chloride
Concen: 0.42 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49



Tgt Ion: 84 Resp: 4547
Ion Ratio Lower Upper
84 100
86 71.5 42.6 79.0
49 119.4 86.2 160.0





#19

1,1-Dichloroethane

Concen: 0.12 ug/L

RT: 3.880 min Scan# 790

Delta R.T. -0.006 min

Lab File: VU042050.D

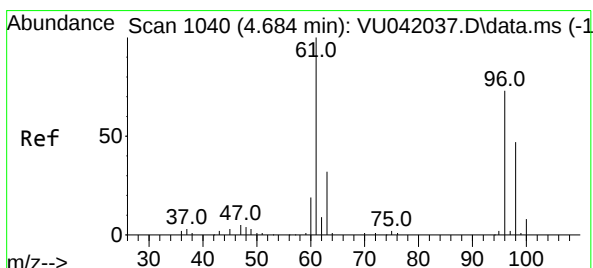
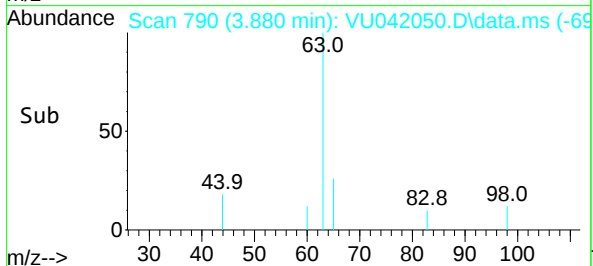
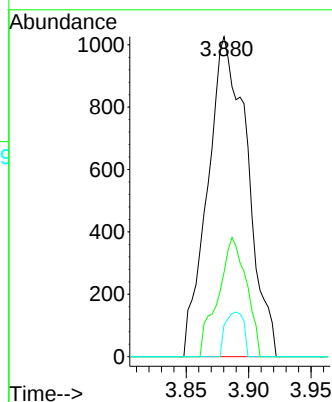
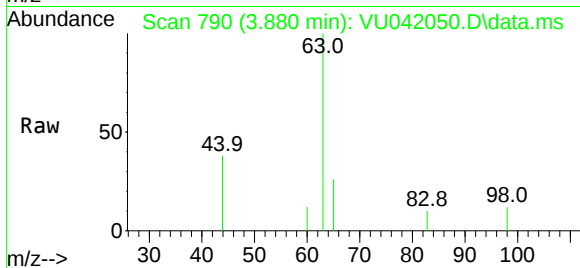
Acq: 14 Jan 2021 22:49

Tgt Ion: 63	Resp: 2272
Ion Ratio	Lower Upper
63 100	
65 26.3	22.7 42.1
83 9.9	9.4 17.6

Instrument :
MSVOA_U
ClientSampleId :
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#22

cis-1,2-Dichloroethene

Concen: 0.25 ug/L m

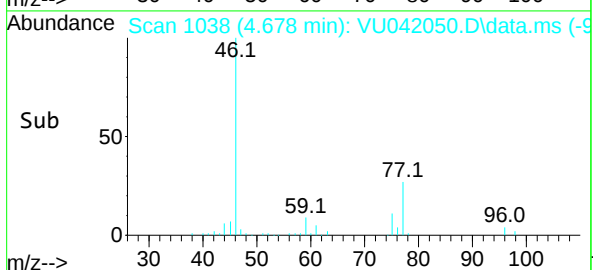
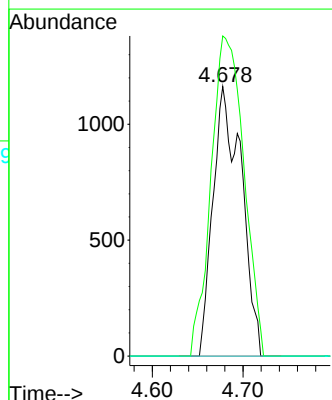
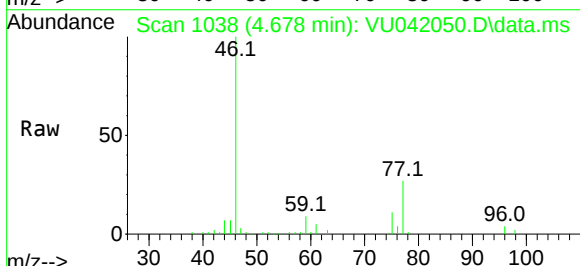
RT: 4.678 min Scan# 1038

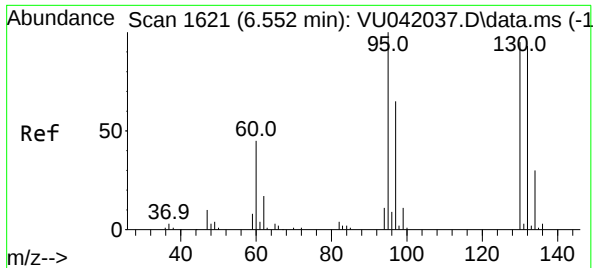
Delta R.T. -0.006 min

Lab File: VU042050.D

Acq: 14 Jan 2021 22:49

Tgt Ion: 96	Resp: 2522
Ion Ratio	Lower Upper
96 100	
61 118.7	100.3 186.3
68 0.0	0.0 0.0





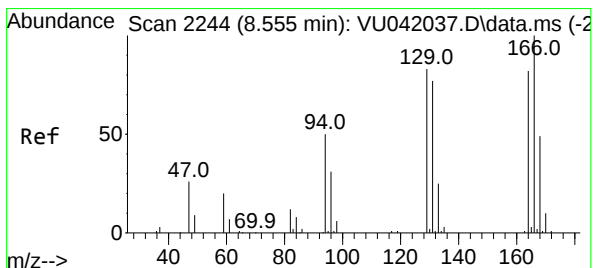
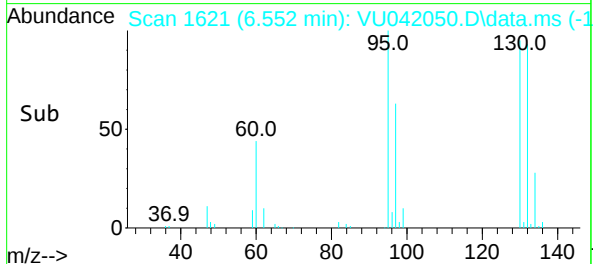
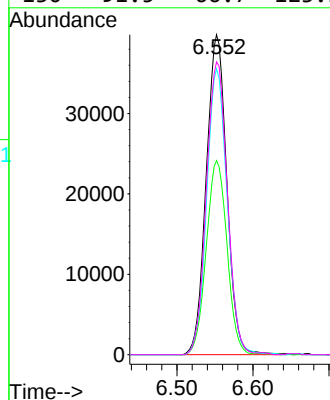
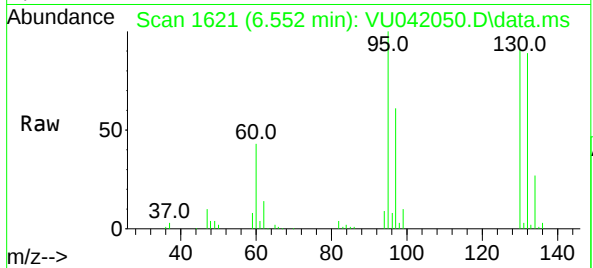
#34
Trichloroethene
Concen: 6.30 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Tgt Ion:	95	Resp:	74742
Ion	Ratio	Lower	Upper
95	100		
97	60.7	43.6	81.0
132	89.4	64.3	119.3
130	91.5	66.7	123.9

Instrument :
MSVOA_U
ClientSampleId :
BFXP4DL

Manual Integrations
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#47
Tetrachloroethene
Concen: 2.61 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU042050.D
Acq: 14 Jan 2021 22:49

Tgt Ion:	164	Resp:	20026
Ion	Ratio	Lower	Upper
164	100		
129	99.7	68.7	127.5
131	93.1	65.2	121.0
166	136.8	86.2	160.0

